



USSN: 10/748,524

Attorney Docket: 1995.184 US D1

Response to Office Action of December 20, 2007

Amendments to the Claims:

Claims 1 – 45 (Canceled).

46. **(Currently Amended):** A method of immunizing cattle without significant injection site lesion formation, comprising injecting into said cattle about 2 ml of a multicomponent vaccine for cattle comprising an immunogenically effective combination of a protective antigen component from six clostridial organisms, a protective antigen component from at least one non-clostridial organism, which is *Moraxella Bovis* (M.Bovis), and an encapsulating polymer adjuvant, whereby the encapsulating polymer adjuvant releases antigens slowly at the site of injection and whereby injection site lesion formation is reduced at least ~~[[40%]]~~ 41% compared with an injection of 5 ml of said vaccine into said cattle and effective immunization is accomplished.

47. **(Currently amended):** A method of immunizing cattle without significant injection site lesion formation, comprising injecting into said cattle about 2 ml of a multicomponent vaccine for cattle comprising an immunogenically effective combination of protective antigen components from seven clostridial organisms, a protective antigen component from at least one non-clostridial organism, which is *M. Bovis*, and an encapsulating polymer adjuvant, whereby the encapsulating polymer adjuvant releases antigens slowly at the site of injection and whereby injection site lesion formation is reduced at least ~~[[40%]]~~ 41% compared with an injection of 5 ml of said vaccine into said cattle and effective immunization is accomplished.

48. **(Currently amended):** A method of immunizing cattle without significant injection site lesion formation, comprising injecting into said cattle about 2 ml of a multicomponent vaccine for cattle comprising an immunogenically effective combination of the protective antigen components *Cl. chauvoei*, *Cl. septicum*, *Cl. novyi*, *Cl. perfringens* type C, *Cl. perfringens* type D,